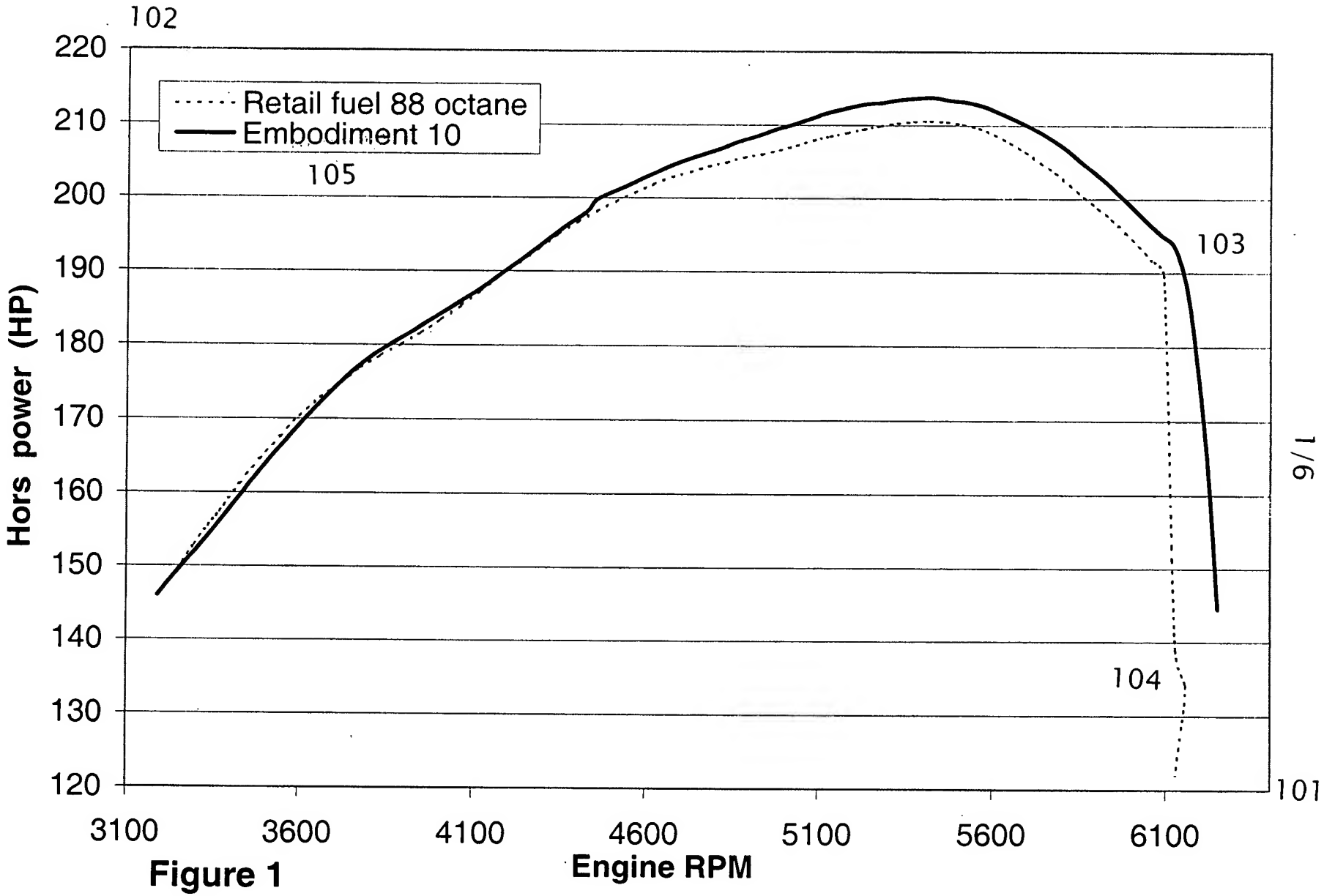

102
220
210
200
190
180
170
160
150
140
130
120
Retail fuel 88 octane
Embodiment 10
105
103
104
101
Hors power (HP)
3100
3600
4100
4600
5100
5600
6100
Engine RPM

Figure 1

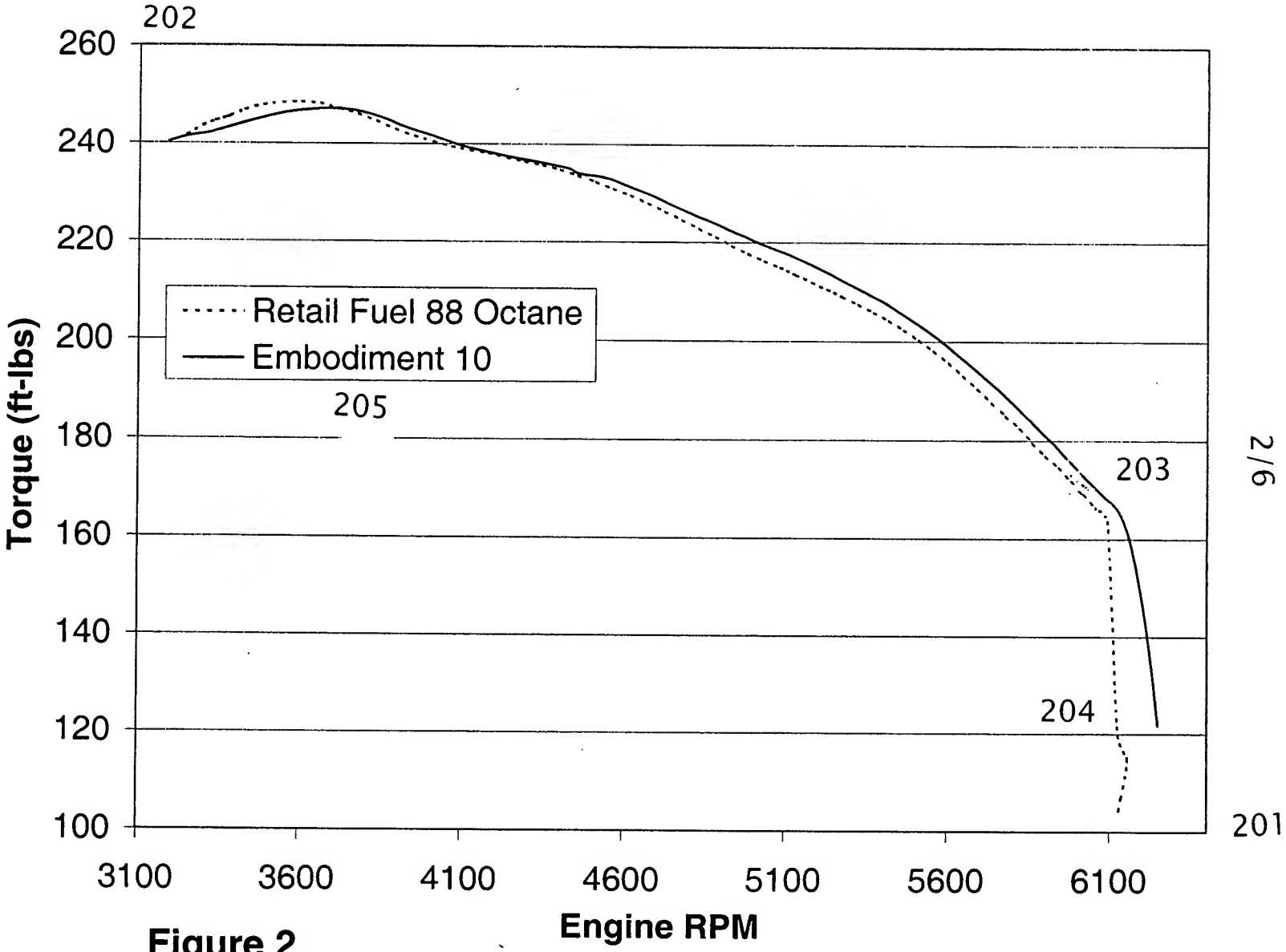

202
260
240
220
200
180
160
140
120
100
Torque (ft-lbs)
Retail Fuel 88 Octane
Embodiment 10
205
203
204
201
2/6
3100
3600
4100
4600
5100
5600
6100
Engine RPM

Figure 2

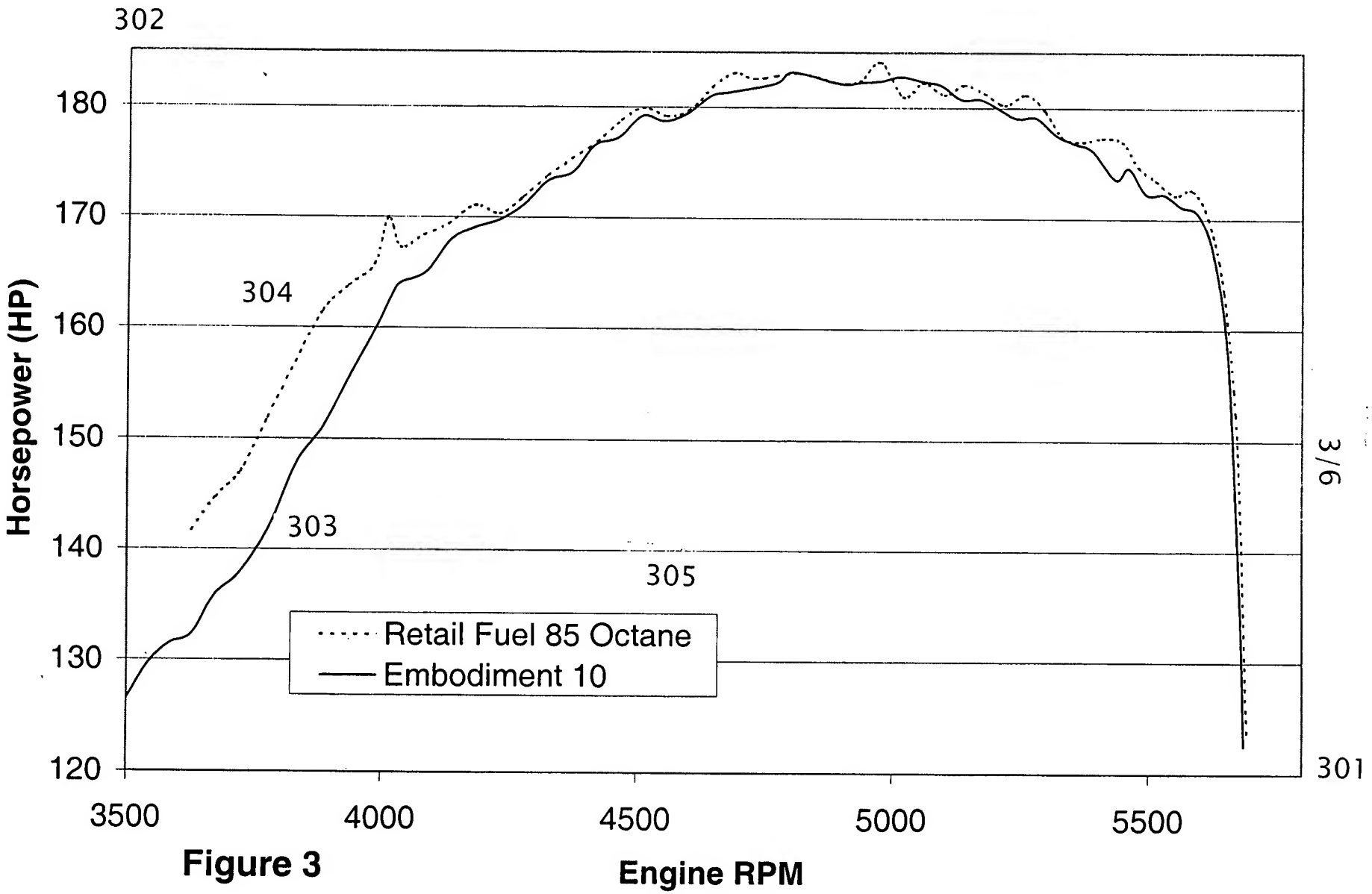

302
180
170
160
150
140
130
120
Horsepower (HP)
304
303
305
Retail Fuel 85 Octane
Embodiment 10
3500
4000
4500
5000
5500
Engine RPM
3/6
301

Figure 3

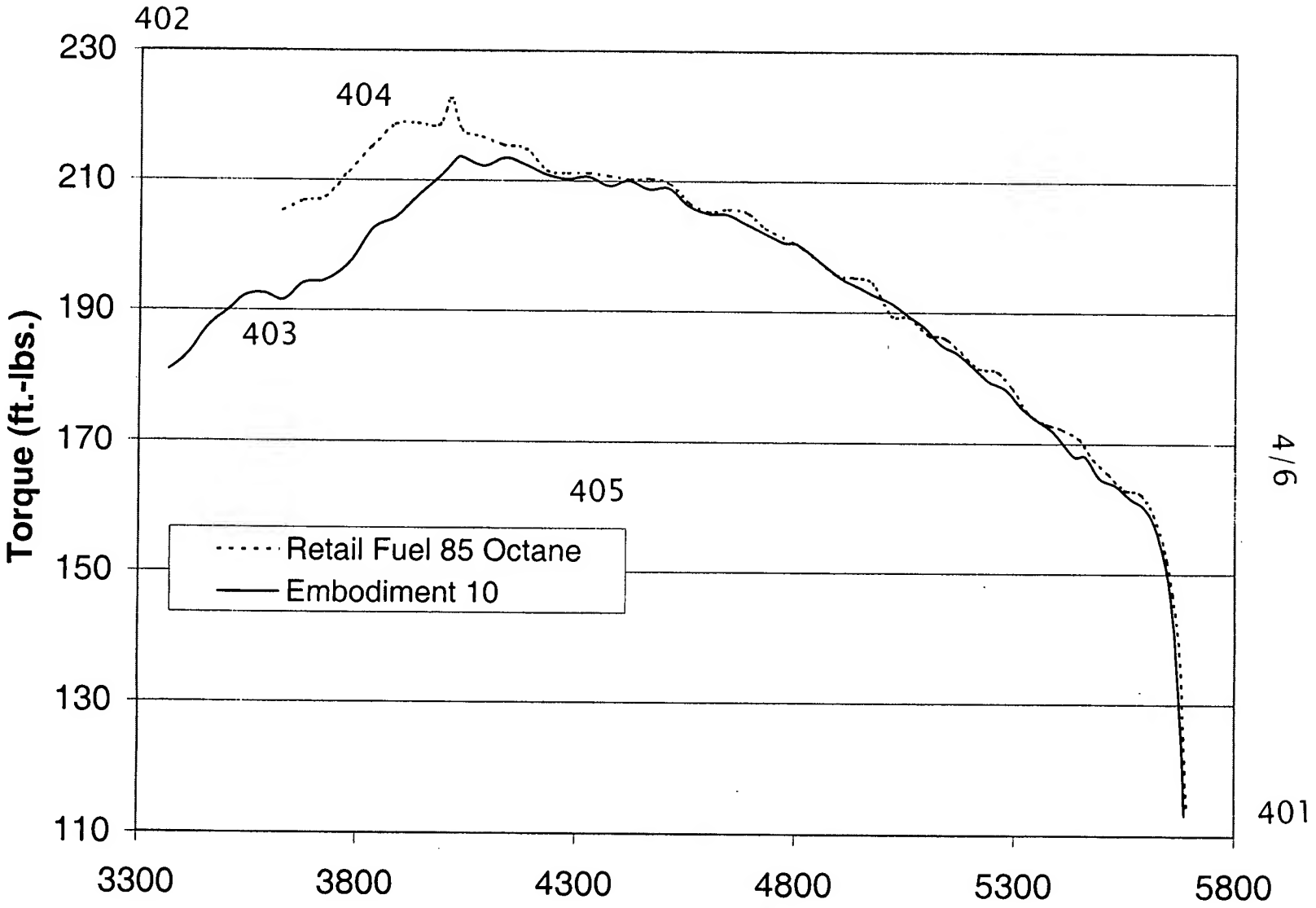

402
230
210
190
170
150
130
110
404
403
405
Retail Fuel 85 Octane
Embodiment 10
Torque (ft.-lbs.)
3300
3800
4300
4800
5300
5800
Engine RPM
4/6
401

Figure 4

FIGURE 5

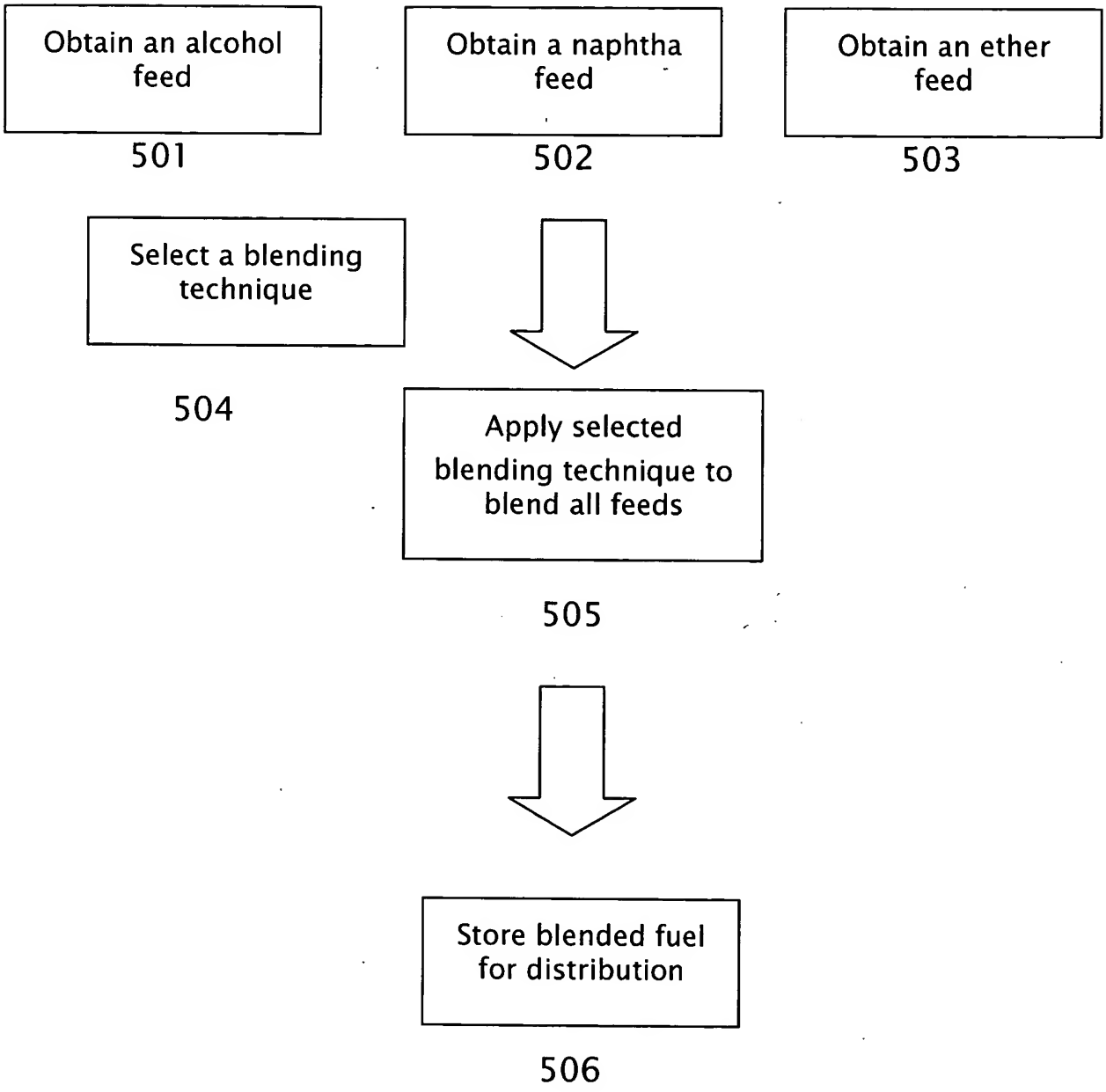
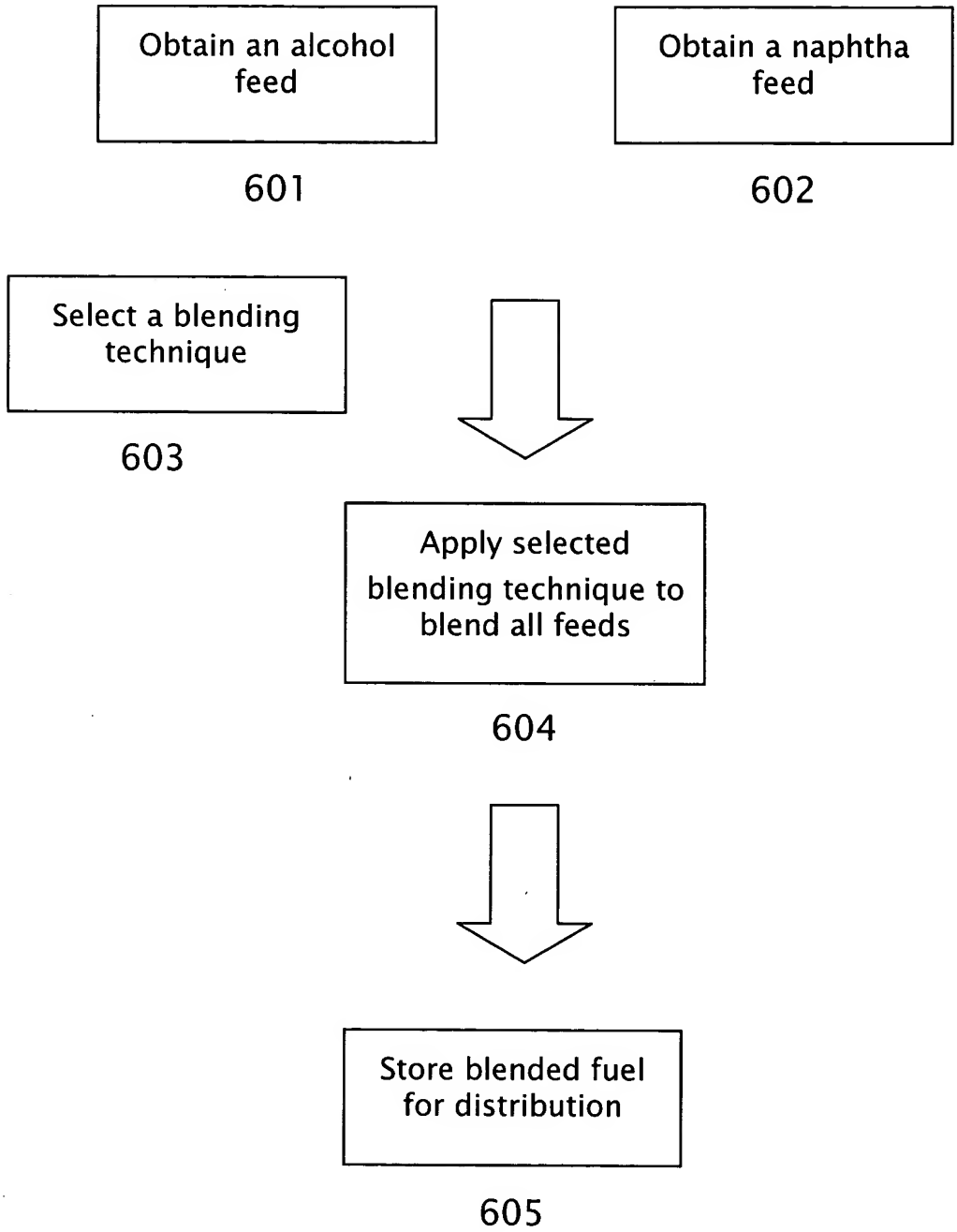

Obtain an alcohol feed
501
Obtain a naphtha feed
502
Obtain an ether feed
503
Select a blending technique
504
Apply selected blending technique to blend all feeds
505
Store blended fuel for distribution
506

FIGURE 6


Obtain an alcohol feed
601
Obtain a naphtha feed
602
Select a blending technique
603
Apply selected blending technique to blend all feeds
604
Store blended fuel for distribution
605